

Classwork: *Calculating Slope*

Name: _____

Slope is the “steepness” of a line.

In this class, the slope will have a **meaning** that will tell you important information about the measurements that you just graphed.

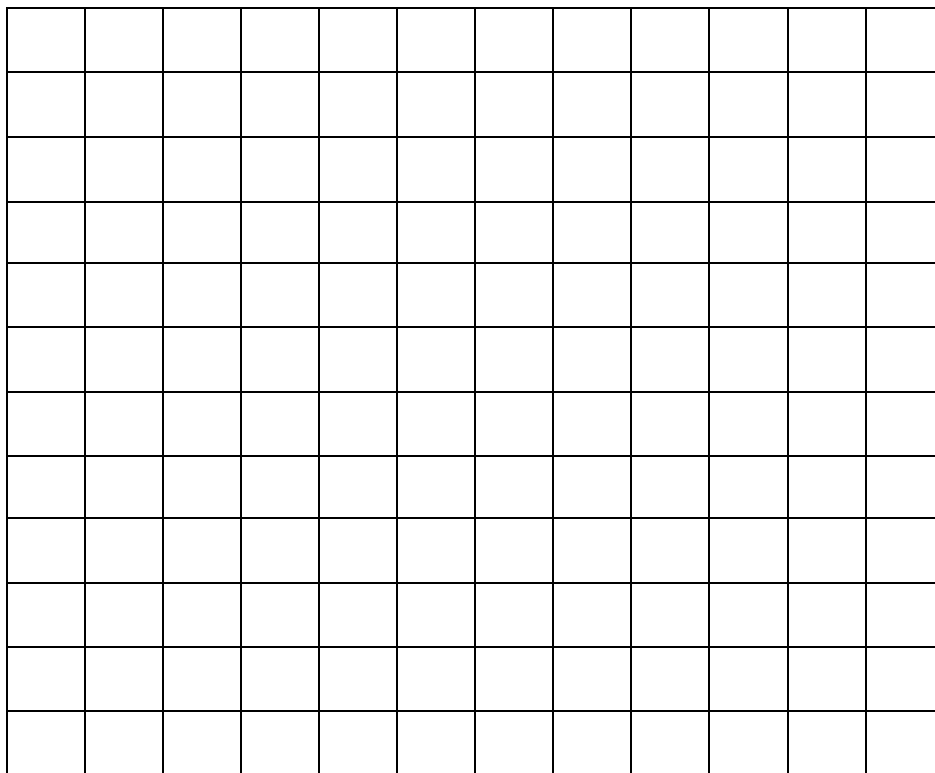
$$\text{Slope} = \text{RISE} / \text{RUN}$$

$$\text{Slope} = (y_2 - y_1) / (x_2 - x_1)$$

Use the data in the table to make a graph on the grid provided.

1. Mike works at WaWa, and he wants to make sure that he is being paid correctly. He varies the number of hours that he works and he notes the amount on his paycheck.

Work Time (hours)	Pay (\$)
2.75	17.19
3.50	21.88
5.25	32.81
5.50	34.38
5.75	35.94



What is the slope of the graph?

What is the meaning of the slope?